

? d s

Set	Items	Description
S1	7592	S PLASMID (3N) (PURIFY OR PURIFICATION OR PREPARATION OR PREPARE)
S2	306	S S1 AND (ALKALINE (W) (LYSIS OR LYSATE))
S3	0	S S2 AND (NEUTRALIZE OR NEUTRILIZATION)
S4	22	S S2 AND (NEUTRALIZE OR NEUTRALIZATION)
S5	5	S S4 AND (FILTER OR FILTRATION OR SEPARATE OR SEPARATION)
S6	5	RD (unique items)
S7	2	S S6 AND PRECIPITATE
S8	1	S S4 AND ((GLASS (W) BEADS) OR (SINTER (W) PLATES))
S9	5	S (((SINTER (W) PLATE) OR (SINTER-PLATE)) (3N) FILTER) OR (SINTER (W) PLATE (W) FILTER)
S10	0	S S9 AND (PLASMID (3N) (PURIFY OR PURIFICATION OR PREPARATION OR PREPARE))
S11	0	S S9 AND (PLASMID)
S12	5	S S9
S13	5	RD (unique items)
S14	0	S S2 AND ((FLOW (W) RATE) (5N) RATIO)
S15	5	S S2 AND ((FLOW (W) RATE))
S16	5	RD (unique items)
S17	4	S S16 AND (FILTER OR FILTRATION OR SEPARATE OR SEPARATION)
S18	53	S S2 AND (CONCENTRATE OR CONCENTRATION OR CONCENTRATING OR CONDITION OR CONDITIONING)
S19	20	S S18 AND (FILTER OR FILTRATION OR SEPARATE OR SEPARATION)
S20	15	RD (unique items)
S21	3	S S20 AND (NEUTRALIZE OR NEUTRALIZATION)
S22	0	S (PELLETATION OR PELLETIZED OR PELLETATION) AND (LIQUID (W) NITROGEN) AND BACTERIA
S23	0	S CRYO-PELLET OR CRYOPELLET OR CRYO-PELLETATION OR CRYOPELLETATION OR CRYO-PELLETING OR CRYOPELLETING
S24	4	S (PELLETATION OR PELLETIZED OR PELLETATION) AND (LIQUID (W) NITROGEN)
S25	3	RD (unique items)
S26	5	S DIPPIN. (W) DOTS
S27	5	RD (unique items)
S28	0	S AU=ULRICH-C
S29	11	S AU=ULRICH, C
S30	10	RD (unique items)
S31	8	S (PLASMID (3N) (PURIFY OR PURIFICATION OR PREPARATION OR PREPARE)) AND (GLASS (W) BEAD)
S32	7	RD (unique items)
S33	1	S S32 AND (ALKALINE (W) (LYSIS OR LYSATE))

?

[File 172] **EMBASE Alert** 2006/Nov 20
(c) 2006 Elsevier B.V. All rights reserved.

[File 185] **Zoological Record Online(R)** 1978-2006/Nov
(c) 2006 The Thomson Corp. All rights reserved.

[File 357] **Derwent Biotech Res.** 1982-2006/Nov W3
(c) 2006 The Thomson Corp. All rights reserved.

[File 369] **New Scientist** 1994-2006/Sep W2
(c) 2006 Reed Business Information Ltd. All rights reserved.

[File 370] **Science** 1996-1999/Jul W3
(c) 1999 AAAS. All rights reserved.
**File 370: This file is closed (no updates). Use File 47 for more current information.*

[File 391] **Beilstein Reactions** 2006/Q3
(c) 2006 Beilstein GmbH. All rights reserved.

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec
(c) 2006 The Thomson Corp. All rights reserved.

[File 467] **ExtraMED(tm)** 2000/Dec
(c) 2001 Informania Ltd. All rights reserved.

```
? s plasmid (3n) (purify or purification or preparation or prepare)
Processing
    518461 PLASMID
    33725 PURIFY
    1454004 PURIFICATION
    10483080 PREPARATION
    139792 PREPARE
S1      7592 S PLASMID (3N) (PURIFY OR PURIFICATION OR PREPARATION OR PREPARE)

? s s1 and (alkaline (w) (lysis or lysate))
    7592 S1
    628204 ALKALINE
    179728 LYSIS
    57062 LYSATE
    1358 ALKALINE(W) (LYSIS OR LYSATE)
S2      306 S S1 AND (ALKALINE (W) (LYSIS OR LYSATE))

? s s2 and and (neutralize or neutralization)
>>>W: Operator "AND" in invalid position
>>>E: There is no result

? s s2 and (neutralize or neutrilization)
    306 S2
    28100 NEUTRALIZE
    15 NEUTRILIZATION
```

S3 0 S S2 AND (NEUTRALIZE OR NEUTRILIZATION)

? S S2 AND (NEUTRALIZE OR NEUTRALIZATION)

 306 S2

 28100 NEUTRALIZE

 140906 NEUTRALIZATION

S4 22 S S2 AND (NEUTRALIZE OR NEUTRALIZATION)

? s s4 and (filter or filtration or separate or separation)

 22 S4

 431143 FILTER

 493286 FILTRATION

 791472 SEPARATE

 1348607 SEPARATION

S5 5 S S4 AND (FILTER OR FILTRATION OR SEPARATE OR SEPARATION)

? rd

>>>W: Duplicate detection is not supported for File 391.

Records from unsupported files will be retained in the RD set.

S6 5 RD (UNIQUE ITEMS)

? s s6 and precipitate

 5 S6

 78663 PRECIPITATE

S7 2 S S6 AND PRECIPITATE

? t s7/medium/all

7/3/1 (Item 1 from file: 357) Links

Derwent Biotech Res.

INSTANT

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0351730 DBA Accession No.: 2004-24022 PATENT

Producing a biomolecule that is not secreted by a host cell, for e.g. gene therapy applications, comprises passing a mixture of precipitate and lysate of a biomolecule producing cell through a clarification reactor having retention material plasmid DNA purification for use in vaccine and gene therapy

Author: URTHALER J; NECINA R; ASCHER C; WOEHRER H

Patent Assignee: BOEHRINGER INGELHEIM AUSTRIA GMBH 2004

Patent Number: EP 1462519 **Patent Date:** 20040929 **WPI Accession No.:** 2004-670858 (200466)

Priority Application Number: EP 20036568 **Application Date:** 20030324

National Application Number: EP 20036568 **Application Date:** 20030324

Language: English

7/3/2 (Item 2 from file: 357) [Links](#)

Derwent Biotech Res.

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0185591 DBA Accession No.: 95-12412 PATENT

Production of pharmaceutical grade plasmid DNA

- large-scale DNA purification method involving alkaline lysis, filtration, differential polyethylene glycol precipitation and gel filtration or ionexchange chromatography

Author: Marquet M; Horn N; Meek J; Budahazi G

Patent Assignee: Vical 1995

Patent Number: WO 9521250 **Patent Date:** 950810 **WPI Accession No.:** 95-283770 (9537)

Priority Application Number: US 192151 **Application Date:** 940201

National Application Number: WO 95US132 **Application Date:** 950109

Language: English

? s s4 and ((glass (w) beads) or (sinter (w) plates))
 22 S4
 602050 GLASS
 113913 BEADS
 13432 GLASS (W) BEADS
 7337 SINTER
 298260 PLATES
 1 SINTER (W) PLATES
 S8 1 S S4 AND ((GLASS (W) BEADS) OR (SINTER (W) PLATES))

? t s8/medium

8/3/1 (Item 1 from file: 357) [Links](#)

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0351730 DBA Accession No.: 2004-24022 PATENT

Producing a biomolecule that is not secreted by a host cell, for e.g. gene therapy applications, comprises passing a mixture of precipitate and lysate of a biomolecule producing cell through a clarification reactor having retention material plasmid DNA purification for use in vaccine and gene therapy

Author: URTHALER J; NECINA R; ASCHER C; WOEHRER H

Patent Assignee: BOEHRINGER INGELHEIM AUSTRIA GMBH 2004

Patent Number: EP 1462519 **Patent Date:** 20040929 **WPI Accession No.:** 2004-670858 (200466)

Priority Application Number: EP 20036568 **Application Date:** 20030324

National Application Number: EP 20036568 **Application Date:** 20030324

Language: English

```

? s (((sinter (w) plate) or (sinter-plate))(3n) filter) or (sinter (w) plate (w)filter)
    7337 SINTER
    625956 PLATE
    21 SINTER(W) PLATE
    0 SINTER-PLATE
    431143 FILTER
    5 (SINTER(W) PLATE OR SINTER-PLATE) (3N) FILTER
    7337 SINTER
    625956 PLATE
    431143 FILTER
    5 SINTER(W) PLATE(W) FILTER
S9 5 S (((SINTER (W) PLATE) OR (SINTER-PLATE)) (3N) FILTER) OR (SINTER (W) PLATE
(W) FILTER)

? S s9 and (PLASMID (3N) (PURIFY OR PURIFICATION OR PREPARATION OR PREPARE))
    5 S9
    518461 PLASMID
    33725 PURIFY
    1454004 PURIFICATION
    10483080 PREPARATION
    139792 PREPARE
    7592 PLASMID(3N) (((PURIFY OR PURIFICATION) OR PREPARATION) OR PREPARE)
S10 0 S S9 AND (PLASMID (3N) (PURIFY OR PURIFICATION OR PREPARATION OR PREPARE))

? S s9 and (PLASMID )
    5 S9
    518461 PLASMID
S11 0 S S9 AND (PLASMID )

? s s9
S12 5 S S9

? rd
>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S13 5 RD (UNIQUE ITEMS)

```

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? t s13/free/all
```

13/8/1 (Item 1 from file: 110) [Links](#)

WasteInfo

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00092582

Trockenabscheidung von Glasurspritznebel mit dem Sinterlamellenfilter. (Dry separation of glaze spray dust with a sinter-plate filter) (In German and English)

Descriptors: Dust; Ceramic industries; Gas scrubbing; Filtration; Filter media/membranes ; Industrial wastes; Waste disposal; Treatment methods; Plant and equipment ; Separation; Journal; Experimental data; Commercial plant; EC Countries; Germany; 1994
(1994)

13/8/2 (Item 1 from file: 144) Links

Pascal

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11895558 PASCAL No.: 95-0061682

Trockenabscheidung von Glasurspritznebel mit dem Sinterlamellenfilter
(Dry separation of glaze spray dust with a **sinter-plate
filter**)

1994

English Descriptors: Dust removal; Filtration; Filter; Spraying; Work place
; Indoor pollution

French Descriptors: Depoussierage; Filtration; Filtre; Pulverisation; Lieu
travail; Pollution interieur

Classification Codes: 001D16C06

? d s

Set	Items	Description
S1	7592	S PLASMID (3N) (PURIFY OR PURIFICATION OR PREPARATION OR PREPARE)
S2	306	S S1 AND (ALKALINE (W) (LYSIS OR LYSATE))
S3	0	S S2 AND (NEUTRALIZE OR NEUTRILIZATION)
S4	22	S S2 AND (NEUTRALIZE OR NEUTRALIZATION)
S5	5	S S4 AND (FILTER OR FILTRATION OR SEPARATE OR SEPARATION)
S6	5	RD (unique items)
S7	2	S S6 AND PRECIPITATE
S8	1	S S4 AND ((GLASS (W) BEADS) OR (SINTER (W) PLATES))
S9	5	S (((SINTER (W) PLATE) OR (SINTER-PLATE))(3N) FILTER) OR (SINTER (W) PLATE (W)FILTER)
S10	0	S S9 AND (PLASMID (3N) (PURIFY OR PURIFICATION OR PREPARATION OR PREPARE))
S11	0	S S9 AND (PLASMID)
S12	5	S S9
S13	5	RD (unique items)

? s s2 and ((flow (w) rate) (5n) ratio)

Processing

306 S2

3335422 FLOW

6670047 RATE

3093534 RATIO

4151 FLOW(W)RATE(5N)RATIO

S14 0 S S2 AND ((FLOW (W) RATE) (5N) RATIO)

? S S2 AND ((FLOW (W) RATE))

Processing

306 S2

3335422 FLOW

6670047 RATE

229997 FLOW(W)RATE

S15 5 S S2 AND ((FLOW (W) RATE))

? rd

>>>W: Duplicate detection is not supported for File 391.

Records from unsupported files will be retained in the RD set.

S16 5 RD (UNIQUE ITEMS)

? S S16 AND (FILTER OR FILTRATION OR SEPARATE OR SEPARATION)

5 S16

431143 FILTER

493286 FILTRATION

791472 SEPARATE

1348607 SEPARATION

S17 4 S S16 AND (FILTER OR FILTRATION OR SEPARATE OR SEPARATION)

?

? t s17/medium/all

17/3/1 (Item 1 from file: 357) [Links](#)

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0351730 DBA Accession No.: 2004-24022 PATENT

Producing a biomolecule that is not secreted by a host cell, for e.g. gene therapy applications, comprises passing a mixture of precipitate and lysate of a biomolecule producing cell through a clarification reactor

17/3/2 (Item 2 from file: 357) [Links](#)

Derwent Biotech Res.

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0293544 DBA Accession No.: 2002-15391 PATENT

Preparing a crude preparation of plasmid DNA useful for transfection comprises lysing cells, precipitating the debris, separating lysate from debris, and precipitating and separating the plasmid DNA from the lysate before resuspending plasmid construction for bacterium recombinant protein production in mammal cell

Author: WRIGHT J L; WURM F M

Patent Assignee: ECOLE POLYTECHNIQUE FEDERALE LAUSANNE 2002

Patent Number: WO 200226966 **Patent Date:** 20020404 **WPI Accession No.:** 2002-372125 (200240)

Priority Application Number: US 236660 **Application Date:** 20000929

National Application Number: WO 2001GB4351 **Application Date:** 20010928

Language: English

17/3/3 (Item 3 from file: 357) [Links](#)

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0287800 DBA Accession No.: 2002-09647 PATENT

Producing and purifying plasmid DNA for use in gene therapy, by producing cells containing the DNA, preparing lysate, concentrating it, prepurifying and conditioning and finally purifying and concentrating it vector expression in host cell and DNA purification involving ionexchange chromatography for use in gene therapy and nucleic acid vaccine

Author: DE FRANCA TEIXEIRA DOS PRAZE D; FONSECA RODRIGUES DIOGO M M; DE SAMPAIO RODRIGUES QUEIROZ J

Patent Assignee: INST SUPERIOR TECNICO; UNIV DA BEIRA INTERIOR 2002

Patent Number: WO 200204027 **Patent Date:** 20020117 **WPI Accession No.:** 2002-171675 (200222)

Priority Application Number: PT 102491 **Application Date:** 20000710

National Application Number: WO 2001PT12 **Application Date:** 20010706

Language: English

17/3/4 (Item 4 from file: 357) [Links](#)

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0164093 DBA Accession No.: 94-06644

**A simple procedure to obtain plasmids suitable for transfecting mammalian cell lines
- vector plasmid pSV2neo preparation by double gel filtration for NIH3T3 cell culture transfection**

Author: Lopez-Canovas L; Rodriguez M; +Riveron Rojas A M

Corporate Affiliate: Nat.Cent.Sci.Res.Havana

Corporate Source: National Center for Scientific Research, Molecular Biology Department, Biotechnology Branch,
POB 6880 Havana, Cuba.

Journal: World J.Microbiol.Biotechnol. (10, 3, 346-47) 1994

CODEN: 9295H

Language: English

? s s2 and (concentrate or concentration or concentrating or condition or conditioning)
 306 S2
 161216 CONCENTRATE
 4900436 CONCENTRATION
 55326 CONCENTRATING
 1539665 CONDITION
 333625 CONDITIONING
 S18 53 S S2 AND (CONCENTRATE OR CONCENTRATION OR CONCENTRATING OR CONDITION OR
 CONDITIONING)

? S S18 AND (FILTER OR FILTRATION OR SEPARATE OR SEPARATION)
 53 S18
 431143 FILTER
 493286 FILTRATION
 791472 SEPARATE
 1348607 SEPARATION
 S19 20 S S18 AND (FILTER OR FILTRATION OR SEPARATE OR SEPARATION)

? rd
 >>>W: Duplicate detection is not supported for File 391.
 Records from unsupported files will be retained in the RD set.
 S20 15 RD (UNIQUE ITEMS)

? S S20 AND (NEUTRALIZE OR NEUTRALIZATION)
 15 S20
 28100 NEUTRALIZE
 140906 NEUTRALIZATION
 S21 3 S S20 AND (NEUTRALIZE OR NEUTRALIZATION)

? t s21/medium/all

21/3/1 (Item 1 from file: 357) [Links](#)

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0361041 DBA Accession No.: 2005-06745 PATENT

Isolation of plasmid DNA from biomass, useful in preparing materials for gene therapy or genetic vaccination, uses a two-phase system of salt and polymer components for fractionation of lysate method of vector DNA purification from an Escherichia coli cell culture for use as a nucleic acid vaccine and in a gene therapy application

Author: MUELLER M; HUBBUCH J; FRERIX A; KULA M

Patent Assignee: QIAGEN GMBH; FORSCHUNGSZENTRUM JUELICH GMBH 2004

Patent Number: WO 2004106516 **Patent Date:** 2004-12-09 **WPI Accession No.:** 2005-131998 (200514)

Priority Application Number: DE 1024511 **Application Date:** 20030528

National Application Number: WO 2004EP5799 **Application Date:** 20040528

Language: German

? s (pelletation or pelletized or pelletation) and (liquid (w) nitrogen) and bacteria
Processing

5	PELLETATION
2199	PELLETIZED
5	PELLETATION
2271900	LIQUID
2032563	NITROGEN
40838	LIQUID(W)NITROGEN
3078872	BACTERIA

S22 0 S (PELLETATION OR PELLETIZED OR PELLETATION) AND (LIQUID (W) NITROGEN) AND BACTERIA

? s cryo-pellet or cryopellet or cryo-pelletation or cryopelletation or cryo-pelleting or cryopelleting

0	CRYO-PELLET
0	CRYOPELLET
0	CRYO-PELLETATION
0	CRYOPELLETATION
0	CRYO-PELLETING
0	CRYOPELLETING

S23 0 S CRYO-PELLET OR CRYOPELLET OR CRYO-PELLETATION OR CRYOPELLETATION OR CRYO-PELLETING OR CRYOPELLETING

? s (pelletation or pelletized or pelletation) and (liquid (w) nitrogen)

5	PELLETATION
2199	PELLETIZED
5	PELLETATION
2271900	LIQUID
2032563	NITROGEN
40838	LIQUID(W)NITROGEN

S24 4 S (PELLETATION OR PELLETIZED OR PELLETATION) AND (LIQUID (W) NITROGEN)

? rd
>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S25 3 RD (UNIQUE ITEMS)

? t s25/free/all
25/8/1 (Item 1 from file: 5) [Links](#)

0007225381 Biosis No.: 199090009860
**ARSENIC IN DUTCH MILK POWDER DETERMINATION BY ATOMIC ABSORPTION
SPECTROSCOPY AFTER COLD TRAPPING OF THE GENERATED HYDRIDE**

1989

25/8/2 (Item 1 from file: 24) [Links](#)

CSA Life Sciences Abstracts

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0000396162 IP Accession No: 1023442

Mercury in milk and milk products. 1. Equipment and procedure for the determination of ultratrace amounts of mercury by cold-vapour atomic absorption spectrometry.

Publication Date: 1984

Descriptors: food contamination; milk; milk products

Identifiers: assays; mercury

Subj Catg: 24222, Analytical procedures; 24120, Food, additives & contaminants; 24166, Environmental impact

? s dippin (w) dots
15 DIPPIN
70000 DOTS
S26 5 S DIPPIN (W) DOTS

? rd
>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S27 5 RD (UNIQUE ITEMS)

? t s27/free/all
27/8/1 (Item 1 from file: 5) Links

0014289913 Biosis No.: 200300248632

Method and apparatus for making a popcorn-shaped frozen product

2003

```

? s au=ulrich-c
S28      0    S AU=ULRICH-C

? s au=ulrich, c
S29     11    S AU=ULRICH, C

? rd
>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S30     10    RD (UNIQUE ITEMS)

? s (plasmid (3n) (purify or purification or preparation or prepare)) and (glass (w)
bead)
      518461    PLASMID
      33725     PURIFY
     1454004    PURIFICATION
    10483080    PREPARATION
     139792     PREPARE
      7592     PLASMID(3N) (((PURIFY OR PURIFICATION) OR PREPARATION) OR PREPARE)
     602050     GLASS
     49847     BEAD
      5604     GLASS(W) BEAD
S31      8    S (PLASMID (3N) (PURIFY OR PURIFICATION OR PREPARATION OR PREPARE)) AND
(GLOSS (W) BEAD)

? rd
>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S32      7    RD (UNIQUE ITEMS)

? s s32 and (alkaline (w) (lysis or lysate))
      7    S32
     628204    ALKALINE
     179728    LYSIS
     57062     LYSATE
     1358     ALKALINE(W) (LYSIS OR LYSATE)
S33      1    S S32 AND (ALKALINE (W) (LYSIS OR LYSATE))

? t s33/medium

```

33/3/1 (Item 1 from file: 357) [Links](#)

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0205525 DBA Accession No.: 97-00646

**High-throughput plasmid mini-preparations facilitated by micro-mixing
- for application in mapping, DNA sequencing, and RNA sequencing**

Author: Ng W L; Schummer M; Cirisano F D; Baldwin R L; Karlan B Y; Hood L

Corporate Affiliate: Univ. Washington-Seattle Cedars-Sinai-Med.Cent. Univ. California

Corporate Source: Department of Molecular Biotechnology, University of Washington, Box 357730, Seattle, WA 98195, USA. email: vng@u.washington.edu

Journal: Nucleic Acids Res. (24, 24, 5045-47) ~~1996~~

ISSN: 0305-1048 **CODEN:** NARHAD

Language: English